Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 16 Jul 2023 until 23:59 on Monday 17 Jul 2023

Forecast Issued on Saturday 15 Jul 2023 at 15:22

Confidence: High confidence in unsettled weather continuing through into the start of next week. Lower confidence in the details and timings of showers and rain over coming days.

Headline for Sunday 16 Jul 2023: Another blustery and unsettled day, with frequent rain and showers, heavy and possibly thundery at times. Strong winds continue.

Mountain weather hazards on Sunday 16 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain showers	Light rain showers	Heavy rain showers (night)
Precipitation probability							
60%	80%	70%	70%	60%	50%	40%	30%

Forecast for Sunday 16 Jul 2023

Weather: Persistent rain and drizzle overnight across much of the park, with some heavier bursts at times mainly in the west. Rain continuing through the morning, becoming more showery from midday. The odd shower may be heavy and thundery later in the afternoon and evening, but showers generally remaining light with some sunnier spells at times.

Chance of cloud-free hill tops above 600m: 20% in the west at first, improving to 70% by midday. 40% in the east at first, improving to 90% through the morning.

Low Cloud and visibility: Extensive low cloud with bases around 300-400m pushes in from the west overnight and through the morning with higher western slopes in fog. Eastern slopes fairing somewhat better, but low cloud still likely affecting higher peaks through the morning. Cloud lifting by around midday and generally staying above summits through the afternoon, although could fall again in heavy showers during the evening to briefly shroud higher peaks. Visibility generally very poor through the morning in the west, with an improvement by the afternoon. Eastern areas seeing good visibility away from showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 16 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/35 W	24/34 W	26/36 W	27/40 W	27/39 W	25/37 SW	21/31 W	16/24 SW	14/22 W
300	17/34 W	15/31 W	16/33 W	18/36 W	18/35 W	18/34 W	14/29 W	11/23 SW	9/20 W
Valley	13/29 W	16/33 W	15/31 W	17/34 W	16/33 SW	16/33 W	13/26 W	7/18 W	6/16 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	10/5	10/5	10/6	11/7	10/7	9/6	9/6
300	12/9	12/9	12/9	12/9	14/10	14/11	13/10	12/9	11/9
Valley	14/11	13/11	13/10	14/11	15/12	16/13	15/12	13/12	12/11
Freezing Level*	2300m	2400m	2200m	2100m	2000m	1900m	2000m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusty winds continuing through the day, combining with rain and showers to give some fairly treacherous walking conditions at times, especially over higher routes. Moderate to High UV levels are forecast, so carrying sun protection is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 15 Jul 2023	11mm	11.2mm	14mm

Forecast for Monday 17 Jul 2023

Weather: Isolated showers continue through the overnight period, but generally a bright start with sunny spells, mainly in the east with low cloud shrouding western slopes. A few heavier showers likely breaking out through the morning, but drying off into the afternoon with more prolonged sunny spells developing.

Maximum wind: Westerly 19-23mph, gusting up to 35mph. Easing through the evening.

Chance of cloud-free hill tops above 600m: 40% in the west at first, 80% in the east. Improving to 90% everywhere by midday.

Low Cloud and visibility: Occasional banks of low cloud affecting higher western upslopes through the morning, giving some poorer visibilities, especially in any showers. Cloud lifting above summits through the morning, with clear skies developing at times through the afternoon and visibilities markedly improving.

Temperature: **Valleys:** Plus 11 Celsius, rising to Plus 16 Celsius
At 600m: Plus 7 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.

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